

**Irrigation projects running behind schedule**

859. DR. GYAN PRAKASH PILANIA: Will the Minister of WATER RESOURCES be pleased to state:

(a) the number/details of irrigation projects (major, medium) which are running behind their original schedule, as on date in the country;

(b) how much cost escalation/loss of production has been occasioned, due to delays;

(c) which of above pending irrigation projects had received Accelerated Irrigation Project benefit, but still have not been completed;

(d) whether anyone of these are covered under 'Fast Track' Project Scheme as well, but are still pending;

(e) whether any engineer/contractor has been held accountable for the delay; and

(f) if so, the details of action taken against them?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) to (f) In view of normal gestation period of major projects is 10 to 15 years and that of medium projects is 5 to 8 years, the major projects started during or before 1992 and medium projects started during or before Eighth plan which will be continuing as ongoing in Eleventh plan may be considered as delayed projects. As per the Working Group Report for Eleventh Plan, Plan-wise break-up of such ongoing projects likely to be spilled over into Eleventh Plan are given as under:

Plan of start	Projects likely to be spilled over to 11th Plan		
	Major	Medium	Total
I	0	0	0
II	2	0	2
III	5	1	6
AP-66-69	2	0	2
IV	8	5	13
V	33	19	52
AP-78-80	2	9	11
VI	25	19	44
VII	10	13	23
AP-90-92	2	2	4
VIII	0	48	48
TOTAL:	89	116	205

Among the above 205 projects, 62 major and 49 medium projects are approved projects. As per, the information available, total original approved cost of these projects was Rs. 20,420 crore whereas, the latest estimated cost is Rs. 1,16,242 crore. List of the approved projects indicating original and latest estimated cost is given in the Statement (*See* below).

Among the above approved projects, 47 major and 21 medium projects have been under AIBP funding and continuing, out of which one major project and two medium projects have been taken under Fast Track Programme of AIBP and yet to be completed by the State Governments. These projects have been indicated in the above mentioned Statement (*See* below).

Irrigation is a State subject and planning, execution, funding as well as priority of construction and completion of projects is within the purview of State Government.

### ***Statement***

#### *List of approved projects indicating original and latest estimated cost*

Sl. No.	Name of Project	Districts Benefited	DPA/TA/FA	Approval Status	Plan of Start	Original Cost	Latest Estd. Cost
1	2	3	4	5	6	7	8
1. Andhra Pradesh							
A Major Projects							
1*	SRBC	KNL, KDP	DPA	Approved	VI	220.2	2484
2**	Somasila	NLR	DPA	Approved	V	17.2	734
2 Sub Total (Major)						237.4	3218
B. Medium Projects							
1*	Kanupur canal Stage-I	NLR	DPA	Approved	III	0.7	32
2*	Gundiavagu	KMM	DPA/TA	Approved	v	1.16	21.58
2 Sub Total (Medium)						1.86	53.58
TOTAL :						239.26	3271.58

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1	2	3	4	5	6	7	8
STATE: ASSAM							
A. Major Projects							
1*	Dhansiri Irrigation Project	Darang	TA	Approved	V	15.83	401.24
2*	Champamati Irrigation P	Kckrajhar	TA	Approved	VI	15.32	147.24
2	Sub-total (Major)					31.15	548.48
B Medium Projects							
1*	Burthening Irrigation Pro.	Sibrugarh	TA	Approved Ap-78-80		1.14	27.87
2*	Borolia Imgation Project	Nalbari	TA	Approved Ap-78-80		6.77	84.97
2	Sub-total (Medium)					7.91	112.84
	TOTAL :					39.06	661.32
STATE: BIHAR							
A Major Projects							
1*	Western Kosi Canal Scheme	Madhubani, Darbhanga	DPA	Approved	III	13.49	904.01
2	Bamar Reservoir Scheme	Jamui	DPA	Approved	V	8.03	216.22
3*	Durgawati Reservoir Scheme	Rohtas,	DPA	Approved	V	25.3	361.69
4	Bateshwarsthan Ganga Pump Canal Scheme	Bhagalpur	-	Approved	V	13.88	188.02
5	Gandak Phase-II	Siwan, Gopalganj, Saran		Approved	VII	22.83	1972.40
5	Sub-Total (Major)					83.53	3642.34
B Medium Projects							
1*	Batana Reservoir Scheme	Aurangabad	-	Approved	V	4.01	57.00
1.	Sub total (Medium)					4.01	57.00
	TOTAL :					87.54	3699.34
STATE: CHHATTISGARH							
A Major Projects							
1*	Mahanadi Proj MRP	Raipur, Dhamtari, Durg	DPA/TA	Approved	IV	566.88	845

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1	2	3	4	5	6	7	8
2*	Hasdeo Bango Proj.	Korba, Rgrh, Janjgir	DPA/TA Approved		VI	115.3	1315.88
2	Sub Total (Major)					682.16	2160.88
B Medium Projects							
1'	Kosarteda	Bastar	DPA/TA Approved		VI	6.02	71.1608
1	Sub Total (Medium)					6.02	71.16
TOTAL :						688.20	2232.04
STATE GOA							
A Major Projects							
1*	Tillari Irrigation Project	North Gao	-	Approved	VII	159.22	698.97
	Sub-Total					159.22	698.97
	TOTAL :					159.22	698.97
STATE:GUJARAT							
A Major Projects							
	Bajajsagar	Project of Rajasthan Govemrnt and being executed by Ra					50
1*	Sardar Sarovar	12 Districts**	PA/DDP Approved		VI	6406.044	5673.66
2	Zankbaroi	Surat	TA	Approved	VI	18.7	90
2	Sub Total (Major)					6424.744	5813.66
B Medium Projects							
TOTAL :						6424.744	5813.66
STATE:HARYANA		Nil					
STATE: HMACHAL PRADESH Major Project							
1*	Shahnehar	Kangra	-	Approved	VIII	143.32	278.36
1	Sub Total					143.32	278.36
Medium Project							
TOTAL						143.32	278.36
STATE JAMMU AND KASHMIR A Major Projects							
		Nil					

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1	2	3	4	5	6	7	8
B Medium Projects							
1*	Marwal Lift	Phulwama, Budgam	-	Approved	IV	2.41	25.16
2	Niv-Karewa	Phulwama, Budgam	-	Approved	IV	0.94	4.50
3*	Koil Lift	Phulwama		Approved	V		
4*	Rajpora Lift	Phulwama	-	Approved	AP78-80	2.13	31.54
5*	Tral Lift	Phulwama	-	Approved	Ap-78-80	6.13	70.33
6*	Rafiabad High Lift	Baramula	-	Approved	VII	35.6	35.60
6	Sub Total (Medium)					47.21	167.23
	TOTAL:					47.21	157.23
STATE: JHARKAND							
A Major Projects							
	Batane Res. Project	'Palamu, Aurangabad	DPA/TA	Approved	V	4.01	60.83
1	Auranga Res. Project	Palamu/	DPA/TA	Approved	VII	125.4	1150.00
1	Sub Total (Major)					129.41	1210.83
B Medium Projects							
1*	Gumani Barrage Projects	Sahebganj/ Pakur	TA/DP A	Approved	V	3.84	152.58
2	Jharjhara Res. Sch.	W. Singhbhum	TA	Approved	V	4.47	70.55
3	Kans Res. Sch.	Ranchi/ Singhbhum	TA	Approved	V	1.37	44.17
4*	Total Res. Sch.	Pakur	DPA	Approved	V	2.96	62.57
5	Suru Res. Sch.	Saraikela	-	Aproved	VI	312	56.32
6*	Sonua Res. Sch.	W Singhbhum	TA	Approved	VI	8.92	82.65
7*	Upper Sankh Res. Sch.	Gumla	TA	Approved	VII	9.19	137.43
8*	Surangiftes. Sch.	Ranchi/ Singhbhum	TA	Approved	VII	2.15	57.42
9	Keso Res. Sch.	Hazaribagh	DPA	Approved	VII	16.14	67.70

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1	2	3	4	5	6	7	8
10*	Punchkhero Res. Sch.	Hazaribagh, Giridih	DPA	Approved	VII	9.55	54.73
11	Bhalrwa Res. Sch	Hazaribagh	DPA	Approved	VII	20.19	67.27
12	Nakti Res. Sch.	W. Singhbhum TA		Approved	VII	0.71	35.16
12	Sub Total (Medium)					82.61	898.55
	TOTAL :					212.02	2109.38
STATE:KARNATAKA							
A Major Projects:							
1"	Malaprabha	Belgaun, Bijapur and Dharwad	DPA	Approved	II	19.91	934.00
2	Tungabhadra HLC (IS	Bellary		Approved	III	2.57	75.4
3	Bennithora	Gulbarga	DPA	Approved	IV	73.25	315.05
4"	Karanja	Bidar	DPA	Approved	IV	98	457.04
5*	UKPStage-I	Bijapur, Gulbarga,	DPA	Approved	Ap6569	58.5	9479.59
	UKP Stage-II	Bagalkot			VIII	2358.86	
5	SUB-TOTAL (MAJOR)					2611.1	11261.0
8 Medium Projects							
1	Manchanabele	Bangalore (R)	DPA	Approved	IV	2.37	80.00
2	Amarja	Gulbarga	DPA	Approved	V	5.7	219.45
3**	Hirehalia	Koppal	DPA	Approved	V	6.35	246.36
4	Lower Mullamari	Gulbarga	DPA	Approved	V	8.37	160.20
4	Sub Total (Medium)					22.8	706.0
	TOTAL :						2633.88
STATE KERALA							
A Major Projects							
1*	Muvattupuzha Valley Irrigation Project	Iddukki, Kottayam, Ernakulam	TA	Approved	V	48.08	684.00
1	SUB TOTAL (MAJOR)					48.08	684.00

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1	2	3	4	5	6	7	8
B Medium Projects							
1	Karapuzha	Waynad	TA	Approved	V	7.6	352.00
2	Chiturpuiha		TA	Approved			
2	Sub Total (Medium)					7.60	362.00
	TOTAL :					55.68	1046.00
STATE MADHYA PRADESH							
A Major Projects							
1*	Sindh Phase-II	Shivpuri/ Gwalior	DPA	Approved	V	510.94	753.85
2*	Bariyarpur LBC	Chhatarpur	-	Approved	V	18.4	231.65
3*	Mahi	Dhar/Jhabua	DPA/TA	Approved	VI	27.1	364.00
4*	Mahan	Sidhi	DPA/TA	Approved	VI	140.51	155.10
5	Jobal(NVDA)	Dhar	DPA/TA	Approved	VI	30.75	171.98
6	Man (NVDA)	Dhar	DPA/TA	Approved	VI	44.1	180.34
7*	Indira Sagar (NVDA)	Khandwa, Khargaon	DPA/TA	Approved	VI	752.16	2808.26
8	Pench Diversion	Chhindwara	DPA/TA	Approved	VII	583.4	549.65
9*	Baroi Diversion (NVDA)	Jabalpur, Satna, Rewa	DPA/TA	Approved	VII	1101.23	2604.50
10*	Omkareshwar(NVDA)	Khandwa, Phargaon, Dhar	DPA/TA	Aporoval	VII	1784.29	1442.60
11*	Bansagar Unit-I	Rewa	DPA	Approval	V	45.65.	1054.96
12*	Bensagar Unit-II	Rewa, Shahdoai, Sidhi Satna, Umaria	DPA/TA	Approved	V	344.66	742.50
	Bawanthadi Unit-I	Belaghat	TA	Approved	VI	89.78	31517
	Unit-II	Balaghat	TA	Approved	VI		0.00
12	Total (Major)					5472.97	1137456
(B) Medium Projects							
1	Kunwan LIS 1	Monena	TA	Approved	VI	1.03	5.31
	TOTAL (Medium)					1.03	5.31
	TOTAL :					5474.00	11379.87

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1	2	3	4	5	6	7	8
STATE:MAHARASHTRA							
A Major Projects							
1*	Bawanthadi	Bhandara	-	Approved	V	71.79	322.50
2*	Tillari	Sindhudurga	-	Approved	V	58	952.54
3*	Gosikhurd	Bhandara/ Nagpur/Chandarpur	DPA/TA	Approved	VII	461.19	5048.75
4*	Kukadi Project	Pune, Solapur, Nagar	DPA/TA A	Approved	AP 66.69	17.9	2092.00
5*	Upper Wardha	Amravati & Wardha	DPA/TA	Approved	TV	39.88	951.33
6*	Upper Tapil (Hatpur)	Jalgaon	DPA/TA	Approved	IV	1209	230.76
7*	Upper Penganga Project Yeotmal	Nanded Hingdi	DPA/TA	Approved	IV	84.48	1532.4
8	Upper Godawari	Nasik	DPA/TA	Approved	IV	14.2	189.98
9*	Waghur	Jalgaon, Bhusawal (Maharashtra State)	DPA/TA	Approved	V	12.28	374.10
10*	Nandur Madhmeshwar Canal	Aurangabad	DPA	Approved	V	72.66	466.87
11	Upper Prawara Project (Nilwande-2)	A'Nagar Nasik	DPA/TA	Approved	V	15.85	760.21
12*	Krishna	Satara Sangli	Partly DPA	Approved	III	27.66	648.05
13*	Bhima (Ujjani)	Solapur, Pune, Ahmednagar	DPA	Approved	III	42.58	1405.67
14*	Wama	Kolhapur, Sangli, satara	DPA	Approved	V	31.09	1115.29
15*	Surya Project	Thane	TA	Approved	AP78-80	19.35	379.26
16	Lower Tema Project	Osmanabad/Latur	DPA	Approved	VI	37.65	254.95
17	Punand *Nandur Madhameshwar Project	NASIK Nasik, A' Nagar Aurangabad	DPA/TA DPA/TA	Approved Approved	VI VI	157.78	157.78 856.3



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1	2	3	4	5	6	7	8
18	Kadawa Project	Nasik	DPA/TA	Approved	VI	27	76.06
	*Shankenao Chavan	Nanded	DRA	Approved	V		261.16
	Vishnupuri Project (Part I)						
	18 SUB TOTAL (MAJOR)					1203.43	18085.95
	B. Medium Projects						
1	Mor	Jalgaon	DPA/TA	Approved	V	0.91	57.00
2	Mangrul	Jalgaon	DPA/TA	Approved	V		18.00
3	Pendhrinalla	Nagpur	DPA/TA	Approved	V	0.83	1285
4	Pothra Project	Chandrapur	DPA/TA	Approved	V		70.31
5	Karwappa	Gadchiroli	DPA/TA	Approved	VI	4.7	28.89
6	Hetawane	Raigad		Approved	VI	19.55	275.00
7	Shivana Takali	Aurangabad	DPA	Approved	VI	34.76	150.00
8	Deoghar	Sindhudurg	-	Approved	VI	21.64	249.71
9	Tajanapor	A' Nagar	DPA/TA	Approved	Vi	23.47	25.86
9	Total (Medium)					108.86	887.62
	TOTAL :					1312.29	18973.68
	STATE MANFUR						
	A. Major Projects						
1*	Khuga Mulit purpose Project	Churachanpur & Bishnupur	TA	Approved	VI	15	300.54
2*	Thoubal Multi purpose Project	Imphal East & Thoubal	TA	Approved	VI	47.25	535.55
2	Sub-Total					62.25	836.09
	Medium Projects	Nil					
	TOTAL :					62.25	836.09
	STATE MEGHALAYA						
		Nil					
	STATE NAGALAND						
		Nil					
	STATE ORISSA						
	A Major Projects						
	*1 Subemarekha irrigation Projects					790.32	
	Subemarekha Part-I						

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1	2	3	4	5	6	7	8
(a) Jambhira Truncated						70.16	
(b) Subemarekha Part I!	Mayurbhanj&Balao	TA	Approved	VII		1068.87	
(c)' Subemarekha Part III.						1269.49	
2* Kanpur Irrigation Project	Keonjhar	TA	Approved	VIII	428.32	625.00	
2 SUB-TOTAL					1218.64	3032.52	
B Medium Projects							
1. Deo. Irr. Project	Keonjhar & Mayurbhanj	TA	Approved	VI	52.23	148.58	
1 Sub-Total					52.23	148.58	
TOTAL :						1270.87	3182.10
STATE: PUNJAB							
A Major Projects	Nil						
B. Medium Projects							
-Irrigation to H.P. below	No irr. benefit	-	Approved			88.49	
SUB-TOTAL MEDIUM						0.00	88.49
TOTAL :						0.00	88.49
STATE RAJASTHAN							
A Major Projects							
1* Narmada	Jalore	DDP	Approved	VIII	467.53	1447.00	
2* IGNP-II	Sriganganagar-Bikaner Churu		DDP Appraved		V		
2 Sub-Total (Major)					467.53	1447.00	
B. Medium Projects	Nil						
TOTAL :						467.53	1447.00
STATE TAMIL NADU							
STATE: TRIPURA	Nil						
A Major Projects	Nil						
B. Medium Projects						2002 Price Level	
1* Gumti	South Tripura	TA	Approved	V	5.88	70.4	
2* Khowai	West Tripura	TA	Approved	VI	7.1	76.8	

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1	2	3	4	5	6	7	8
3* Manu		North Tripura	TA	Approved	VI	8.18	80.763
3 Sub-Total						21.16	227.963
TOTAL :						21.16	227.963
State: UTTARANCHAL							
A Major Projects							
1* Lakhwar Vyasi		Saharanpur, Meerut Dehradun		Approved	V	140.97	1446.00
1 Sub Total (Major Projects)						140.97	1446.00
TOTAL :						140.97	1446.00
STATE UTTAR PRADESH							
A. Major Projects							
1* Bansagar Project		Mirzapur Allahabad Sonebhadra	DPA	Approved	V	570.35	969.74
2* Saryu Canal Projects		Bah raich Gonda, Shirava	DPA	Approved	V	78.68	2377.82
2 SUB-TOTAL (MAJOR)						649.03	3347.56
B Medium Projects		Nil					
TOTAL :						649.03	3347.56
STATE WEST BENGAL							
A. Major Projects							
1* Teesta Barrage . Project (1st Sub-Stage)		Darjeeling Coochbehar Jalpaiguri	TA	Approved	V	69.72	2068.00
2* Subamarekha Barrage Project		Midnapore	DPA/TA	Approved	VIII	215.61	1261.68
2 SUB-TOTAL (MAJOR)						285.33	3329.68
B. Medium Irrigation Scheme							
1 Golamarajore		Purulia	DPA/TA	Approved	V	0.52	3.92
2 Moutorejore		Purulia	DPA/TA	Approved	V	0.4	1.90
3 Beko		Purulia	DPA/TA	Approved	V	0.64	5.90

1	2	3	4	5	6	7	8
4	Khaina Bera	Purulia	DPATA	Approved	VII	1.1	4.15
5	Futiary	Purulia	DPATA	Approved	VII	0.56	17.04
	- Rani Chak Pumo Irrigation	Midnapore'	DPATA	Approved	VII	3.26	5.56
5	Cum Drainage						
	Sub-Total (Medium)					6.48	38.47
	TOTAL :					291.81	3368.15
62	TOTAL (MAJOR)					20050.27	112416.93
49	TOTAL (MEDIUM)					369.77	3824.80
111	GRAND TOTAL					20420.04	116241.73
	*Project Assisted under AIBP						0.00
	"Projects Assisted under Fast tract AIBP						

**Flood control scheme phase-III for Gwalior, Madhya Pradesh**

†860. SHRIMATI MAYA SINGH: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Central Government is providing loan assistance for flood control scheme phase-III for Gwalior, Madhya Pradesh;

(b) whether it is a fact that incidents of calamity of flood will reduce after successful implementation of this Scheme; and

(c) by when the Central Water Commission will sanction this project and the fund of Rs. 10 crore required for this scheme will be sanctioned?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) No, Sir.

(b) The implementation of the scheme is expected to protect about 128 hectare of land from inundation and provide protection to about 1422 families as informed by the State Government of Madhya Pradesh.

†Original notice of the question was received in Hindi.